



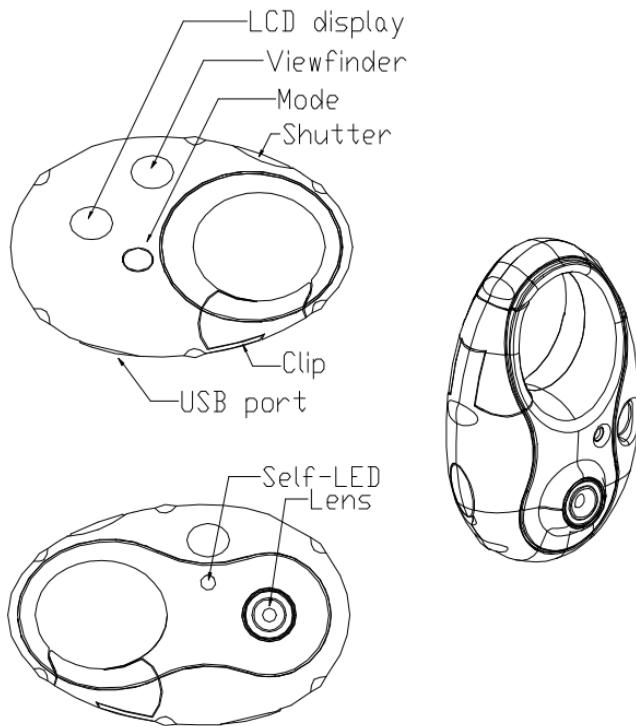
VGA Carabiner Camera

User Manual

Package Contents:

- Bean Sprout Carabiner Camera
- Li-Ion Rechargeable Battery
- USB Cable
- User Guide
- Video Cable
- ArcSoft PhotoImpression
- and Driver Installation CD

1. Camera description



2. Using your camera

2.1 Charging battery

Your camera uses a Lithium battery. The USB port serves as a charger for the battery. To charge the battery, simply connect the device via the USB cable to your PC. If the battery power is low, the LCD display will flicker and the device will power off. Should this occur, download your photos to your PC as soon as possible, and then charge the device. Charging time is around six hours.

WARNING:

- Before taking photos, please test the device's functioning in order to avoid disappointing results. Should the device fail to work, please contact us immediately.
- Static Electricity may effect your device by powering it off. To restart, simply power on again.

2.2 Sleep mode (automatic power-saving mode)

If your camera is not connected to the computer and you are not using the camera longer than 30 seconds, the camera will automatically turn off to extend battery life. A Blank LCD screen indicates the camera is in sleep mode.

- ◆ You can turn the camera to sleep mode manually by pressing the MODE button, then the LCD screen shows “**of.**” Press the Trigger Button; you will hear a beep as the camera will go into sleep mode.
- ◆ Press the MODE button to activate the camera. The digits on the LCD screen and the beep sound will confirm that camera has been activated.

2.3 Taking photos

- Press the MODE button to power up the camera.
- Slide the Viewfinder Button up to retract Viewfinder. Look through the lens and aim at the desired scene.
- Press the Shutter Button to take a picture. The number on the LCD screen will decrease, and a beep will confirm a picture has been taken.
- When the camera is ready to take a photo, just press the Shutter button and one distinct beep can be heard when a photo is taken.

If you hear two beeps, then a picture could not be taken because it is too dark, or because the camera’s memory is full.

2.4 Using various MODES of the camera

The LCD screen displays the following symbols when the MODE button is pressed

consecutively; the interpretations are as follows:



Hi-resolution pictures



Ready to close or shutdown mode



Timer mode



AVI mode



Continuous mode



Delete all



Delete last



Change to low resolution



Change to compressed mode



Change to normal mode



Change to high resolution



Change to 50 Hz



Change to 60 Hz



Compression high resolution pictures



Low resolution pictures



Compression low resolution pictures

PS: Only 2 digits, the compression low resolution mode will display two times, 2&08 means 208, 1&10 means 110.

2.4.1 “St” Self-timer mode

Press the MODE button until the LCD screen displays “St”, then press the Shutter Button.

Camera will “beep” ten times and automatically take a picture after ten seconds.

2.4.2 “d8” AVI mode

- Press the MODE button and select “d8,” then press the Shutter Button.
- Camera will continuously capture the scene, as long as you keep the Shutter Button down, or until camera’s memory becomes full (approx 6 sec).

2.4.3 “CS” continuous mode

- Press the MODE button and select “CS,” then press the Shutter Button.
- The camera will continuously capture 3 photos.

2.4.4 “CA” Clear all / Delete all taken pictures

- Press the MODE button to select "CA".
- Press the Shutter Button to confirm your selection. The digits on the LCD screen will start to blink.
- Press the Shutter Button again to delete all images from the camera.

2.4.5 "CL" Clear last / Delete last taken picture

- Press the MODE button to select "CL".
- Press the Shutter Button, and the camera will beep and delete the last picture taken. The LCD screen will show a higher number.

If the last photo taken was taken using the Continuous mode, then the entire recorded clip will be deleted.

2.4.6 "LO" / "HI" resolution

- Press the MODE button to select desired resolution mode;
LO = low resolution - you can save more pictures, or HI = high resolution - better quality, but you can store less pictures in your camera.
- When the LCD screen displays desired mode, press the Shutter Button to confirm selection.

The LCD screen will show the number of available pictures that can be taken at the selected resolution mode.

You can change the resolution at any time as needed.

2.4.7 “50 / 60” frequency

Various countries use different frequencies of the electrical power; 50Hz or 60Hz.

Select “50 / 60” mode to avoid flickering images. This setting depends on your current location.

- Press the MODE to select “50/60” mode, then press the Shutter Button to confirm your selection.

2.4.8“Hd / Ld” Compression rate

You can select Hd (high density), or Ld (low density) compression rate modes.

Note that at the Hd (high density) you can compress / store more pictures, and less pictures when you select the Ld (low density) mode; however Hd compression rate will slightly limit the quality of your images.

- Press the MODE Button to select desired “Hd” or “Ld” compression mode.
- Press the Shutter Button to confirm selection.

3. Installation Software

**Do not connect the camera to computer before your software installation
is fully completed**

- Insert the CD in your computer's CD-ROM drive, and follow the step-by-step installation on your computer screen.

An interface will appear. On the right of the interface there are four buttons.

3.1 Driver Installation

- Insert CD in your CD-ROM drive, Click on <Install Camera Driver> Continue with its step-by-step instructions to finish the installation.
- Restart the computer. <Dual Mode Camera> will appear on the desktop of your computer.

3.2 Photo Express installation

- Insert CD into the CD-ROM drive and select <Install Arcsoft Photoimpress 4.0>
- Follow the on-screen instructions and complete the installation.
- Restart your computer.

3.2 Transferring photos to your computer

- * Connect your camera to the computer with the USB cable.
- * Double-click the Photo Express icon and start the program
- * Click on "Get Photo" and select the Digital Camera
- * Select "data source": Dual Mode Camera
- * Click on "Acquire" in the bottom left corner.

The photo transfer window will appear on the screen. Click the "Download" button.

All photos from the camera will appear inside the interface window. Using the mouse, select any picture; right click if you would like to zoom in on a picture.

You may left click and "Select All Photos" in the interface, then click on the "Transfer Photos" button. All images will be transferred into the **Arcsoft Photoimpress** application software.

You can select / save pictures, or assign titles to your pictures and select the location where you are storing images (such as: My Documents, Desktop, My

Pictures folder, etc.)

When you have pictures transferred / downloaded into the computer, then you can delete images from camera and take more pictures.

Photo Management: with the new Photo Impression interface it is very easy to process your photos.

Editing: Photoimpression has a wide range of editing options, such as correcting brightness and contrast that are all easily accessible. Please visit www.adobe.com if you need more information regarding Photo Express application software.

Help

To access the ArcSoft Photoimpression 4 Manual on the CD-ROM, you will need Adobe PDF Reader software. This is available as a free download from

<http://www.adobe.com>

3.3 Uploading a photo with increased resolution

After downloading photos, click on the "Edit Image" button in the upload window and select "Increase Resolution", then click on the "OK" button to confirm. Select the "Transfer" button to transfer those photos to Arcsoft Photo Impression 4.0 Software, then photos will be uploaded with 400K pixels resolution.

3.4 Creating / saving video clips

Video clips are saved with the "AVI capture" mode.

- Connect your camera to your computer and select "MyDSC.exe" located in the folder 'Dual Mode Camera' on your desktop.
- Click on the "Download," then select "Save photos" on the interface window. A window will open, and you can choose the folder where you would like to save the video and save it as an [.avi] file.

3.5 Web camera

- Connect your camera to a computer and run the PCCam program located in the folder <Dual Mode Camera> on your desktop.
- Select <PCCam> in the 'Devices' menu, then select <Preview> in <Options> mode.
- Computer will display streaming video from the camera.
You can select 'Video Capture Pin' in the 'Options' menu, to change the size of the screen / image.

4. Problem-solving

Here are the most common problems:

When pressing the mode button, the camera does not turn on:

--Battery level is low. You should charge the battery for more than 6 hours.

The camera cannot download photos, or displays “no photos”:

-- Restart the computer and reconnect the camera. Check that the folder Dual Mode Camera is in the Control Panel / System settings. If the device is not present, then disconnect the camera and reinstall the driver again.

-- If the camera driver was successfully installed, but still you can't see images, then disconnect the camera, uninstall the software and restart your computer.

-- Finally, re-install the Driver and application software from the CD again. Then reconnect the camera to the computer.

5 Technical Specifications

Resolution : 300K Pixels ((640X480) VGA

Lens : Non-spherical Lens f=5.4mm

Aperture : 1: 2.6

Focusing range: 0.5m –infinity

Storage Capacity : 2MB

Photos:

High-resolution (640X480 pixels), 26 pictures

Compression, high-resolution pictures, 52 pictures

Low-resolution (320X240 pixels), 104 pictures

Compression, low-resolution, 208 pictures

Power supply : Lithium battery (built-in) or USB cable

Charge: By USB cable

Interface : USB port

System compatibility :

Pentium II and above Personal Computers

Windows 98SE/2000/ME/XP/Vista Operating System

32 MB or above Memory (64 MB or above Recommended)

60 MB Hard Disk Capacity

CD-ROM Drive

Color Monitor (Not Lower than 800*600, 24 Bit)

USB interface